



Patent
Attorney Docket No. 030681-529

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Byung-kyu Lee et al.

Application No.: 10/615,956

Filing Date: July 10, 2003

Title: PERPENDICULAR MAGNETIC RECORDING MEDIA

Group Art Unit: 1773

Examiner: KEVIN M BERNATZ

Confirmation No.: 1062

AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ Terminal Disclaimer(s) and the ☐ \$65.00 (2814) ☐ \$130.00 (1814) fee per Disclaimer due under 37 C.F.R. § 1.20(d) are also enclosed.
- ☐ Also enclosed is/are _____

- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$395.00 (2801) ☐ \$790.00 (1801) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted _____

_____ on _____,
for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below.

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims		MINUS =	0	x \$50.00 (1202) =	\$ 0.00
Independent Claims		MINUS =	0	x \$200.00 (1201) =	\$ 0.00
If Amendment adds multiple dependent claims, add \$360.00 (1203)					
Total Claim Amendment Fee					\$ 0.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					\$ 0.00
TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT					\$ 0.00

- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to Deposit Account No. 02-4800.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

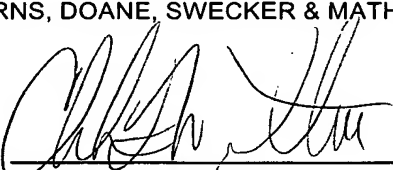
Respectfully submitted,

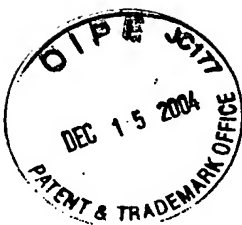
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: December 15, 2004

By


Charles F. Wieland III
Registration No. 33,096



IF

Patent
Attorney's Docket No. 030681-529

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In re Patent Application of)	
Byung-kyu Lee et al.)	Group Art Unit: 1773
Application No.: 10/615,956)	Examiner: KEVIN M BERNATZ
Filed: July 10, 2003)	Confirmation No.: 1062
For: PERPENDICULAR MAGNETIC)	
RECORDING MEDIA)	

RESPONSE TO ELECTION OF SPECIES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Election of Species Requirement dated November 15, 2004,
Applicants elect one from each of the following species groups, for examination at
this time.

- | | |
|---------------------|--|
| • Species Group I | $Ku_{1st} > Ku_{2nd}$ |
| • Species Group II | both are crystalline |
| • Species Group III | both have physically disconnected magnetic domains |
| • Species Group IV | one has weak exchange coupling and one has strong exchange coupling between magnetic particles |
| • Species Group V | both have lattice matching structures |
| • Species Group VI | claim 8. |

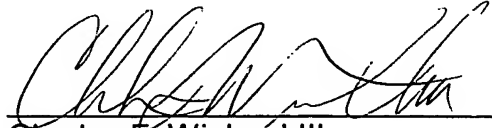
Claims 8, 9, 10, 13, 17, 18, 19 and 31 are specific to this election, and claims 1, 2 and 20-30 should be concurrently examined. Claims 3-7, 11, 12 and 14-16 are directed to other species, and it is assumed that these claims will be rejoined should a generic claim be indicated as allowable.

Favorable action on the merits respectfully requested.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: December 15, 2004

By: 
Charles F. Wieland III
Registration No. 33,096

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